

Listing and Amendments to the Claims**10 / 524 256**

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This listing of claims will replace the claims that were published in the PCT Application and the International Preliminary Examination Report:

1. (currently amended) Method for synchronizing subcode time codes and sector addresses of data contained on a recording medium for the communication between a data processing system (3) and a micro controller (4), comprising the steps of:

sending (4) a number of sectors from the micro controller (4) to the data processing system (3);

requesting (8) information about the sector headers of the received sectors from the data processing system (3); and

calculating (9) the difference between the subcode time codes and the sector addresses using the information about the sector headers

~~characterized in that~~ wherein it further comprises the steps of repeating the synchronisation steps (4, 8, 9) for different sessions recorded on the same recording medium.

2. (currently amended) Method according to claim 1, further comprising the steps of:

- asking (5) the data processing system (3) for a confirmation of sector reception; and

- implementing (7) a continuity counter in the data processing system (3) to check if the expected sectors were received.

3. (currently amended) Method according to claim 1 or 2, further comprising the step of storing the sectors in a memory (2).

4. (currently amended) Method according to ~~any of claims 1-3,~~ characterized in that claim 1, wherein absolute time information conveyed in the sector headers and in absolute time fields of the q-channel of the subcode frame is used for calculating the difference between the subcode time codes and the sector addresses.

5. (currently amended) Communication protocol for the communication between a data processing system (3) and a micro controller (4), whereby a set of commands and messages necessary for synchronization between subcode time codes and sector addresses of data contained on a recording medium is defined, the set of commands and messages comprising commands for scanning sectors and for reading sector data and messages for sending information on the sectors and the read sector data ~~characterized in that~~ wherein it further comprises commands and messages for asking (5) the data processing system (3) for a confirmation of sector reception.

6. (currently amended) Decoder for optical recording media, ~~characterized in that~~ wherein it performs a method according to ~~any of claims 1-4~~ claim 1 or uses a communication protocol ~~according to claim 5.~~

7. (currently amended) Apparatus for reading from and/or writing to optical recording media, ~~characterized in that~~ it performs a method according to ~~any of claims 1-4~~ claim 1, uses a communication protocol ~~according to claim 5,~~ and/or uses a decoder ~~according to claim 6.~~